

# BI6202G2F

## 4-Port Gigabit Industrial Switch

### Datasheet



#### Key Features:

**Ports:** Provide 2\*10/100/1000Mbps ports with 2\* 1.25Gbps SFP

**Self-adaption:** RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX

**Industrial Installation:** Din Rail mounting installation

**Wide Application:** Designed for Railway, traffic etc some Industrial environment

**Surge protection:** Protect the device from lighting surges and others electrical hazards

**Working Temperature:** -40 to 85 degrees operating temperature

**Considerate Design:** IP40 Industrial enclosure

**Easy to use:** Plug and play, No configuration required

#### Environmentally Hardened Design

With the **IP40** metal industrial case which provides a high level of immunity against electromagnetic interference and heavy electrical surges, Being able to operate under the temperature range from **-40 to 85 degrees C**, the BI6202G2F can be placed in almost any difficult environment.



#### Surge Protection Design

provides contact discharge of  $\pm 8\text{KV}$  DC and air discharge of  $\pm 15\text{KV}$  DC for Ethernet ESD protection. It also supports  $\pm 6\text{KV}$  surge immunity to improve product stability and protects users' networks from devastating ESD attacks, making sure the flow of operation does not fluctuate.



#### Dual Power input for High Availability Network

Featuring a strong dual power input system with wide-ranging voltages (12V~54V DC) incorporated into customer's automation network to enhance system reliability and uptime which make the installation more flexible and convenient.



#### Gigabit SFP Uplink Port

With two SFP module slot available, the SFP uplink port is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra high speed data transferring, Beside the SFP can transmittes the data with Max 100Km distance with more economic solution.

# BI6202G2F

## 2-Port 10/100/1000Mbps Industrial Switch with 2 Gigabit SFP

### Technical Datasheet

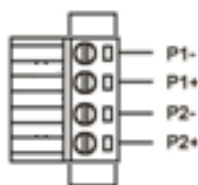
|                           |                                                                            |                                                                       |          |
|---------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------|----------|
| Model                     | BI6202G2F                                                                  |                                                                       |          |
| Hardware Specifications   |                                                                            |                                                                       |          |
| ports                     | 2* 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports<br>2* 1.25Gbps SFP Slot     |                                                                       |          |
| Connector                 | Removable 4-pin terminal block<br>Pin 1/2 for Power 1; Pin 3/4 for Power 2 |                                                                       |          |
| LED Display               | Power Indicator: PWR(green).Network Indicator: Link(yellow) SFP: Green     |                                                                       |          |
| Power requirements        | 12~54V DC                                                                  |                                                                       |          |
| Power Consumption         | Less than 3 Watts                                                          |                                                                       |          |
| Switch Performance        | Backplane bandwidth                                                        |                                                                       | 20Gbps   |
|                           | Packet forwarding rate                                                     |                                                                       | 5.96Mpps |
|                           | MAC address                                                                |                                                                       | 8k       |
|                           | Flow control                                                               | Back pressure for half duple. IEEE 802.3x pause frame for full duplex |          |
| Network standard          | IEEE802.3i 10 BASE-T                                                       |                                                                       |          |
|                           | IEEE802.3u 100 BASE-TX                                                     |                                                                       |          |
|                           | IEEE802.3ab 1000BASE-T                                                     |                                                                       |          |
|                           | IEEE802.3x Flow Control                                                    |                                                                       |          |
|                           | IEEE802.3az EEE                                                            |                                                                       |          |
| Enclosure                 | IP40 Metal case                                                            |                                                                       |          |
| ESD Protection            | 6KV ESD                                                                    |                                                                       |          |
| Dimension(W x D x H)      | 30 x 90 x 130mm (1.18in x 3.54in x 5.12in )                                |                                                                       |          |
| Weight                    | 0.7Kg                                                                      |                                                                       |          |
| Environment               |                                                                            |                                                                       |          |
| Environment specification | Operating temperature: -40℃~85℃ , operating humidity: 5%~95%               |                                                                       |          |
|                           | Storage temperature: -40℃~85℃ , storage humidity: 5%~95%                   |                                                                       |          |
| Warranty                  | 5 Years                                                                    |                                                                       |          |

BI6202G2F

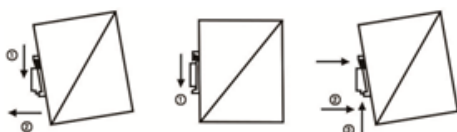
## 2-Port 10/100/1000Mbps Industrial Switch with 2 Gigabit SFP

### Installation Models

#### Power Terminal

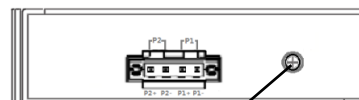


- ◆ 4-pin 3.81mm-spacing plug-in terminal
- ◆ 12V-54VDC wide voltage input
- ◆ P1&P2 dual power input
- ◆ Reverse protection



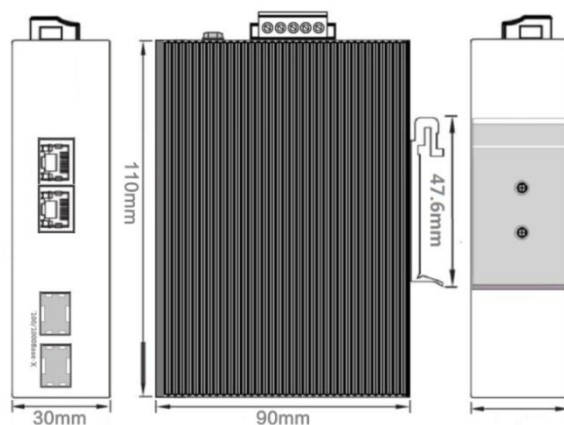
#### Din-Rail

#### Earth Protection

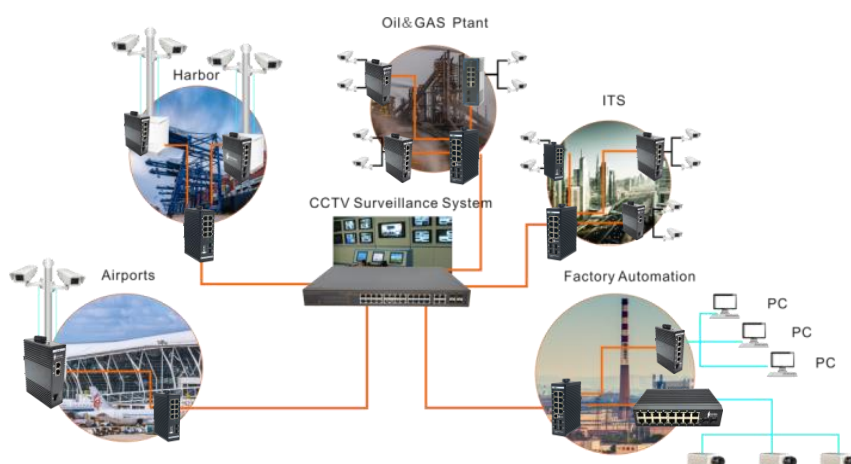


Ground screw

### Mechanical Drawing



### Applications



#### Ordering Information

BI6202G2F

2 Ports 10/100/1000Mbps Industrial Unmanaged Switch With 2Gigabit SFP,Din Rail



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